DEPARTMENT OF THE INTERIOR MONTANA 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 106°00′ 105°52′30″ 4875 IV NW (FOURMILE CREEK) R 47 E 105°52′30″ 45°52′30″ R 46 E 3 3 OVERBURDEN ISOPACH-Showing thickness of BOUNDARY OF COAL 5 FEET OR MORE THICK-10 11 10 12 MINING-RATIO CONTOUR-Number indicates cubic To convert feet to meters, multiply feet by 0.3048. To convert yds3/ton to m3/metric ton, multiply yds3/ton by 15 17 16 18 15 14 13 50 22 21 22 23 24 19 20 25 47'30" 47'30" 11 12 Base map from U.S. Geological Survey. 1973 / 15° /267 MILS 0°40′ 12 MILS MONTANA

UNITED STATES

NORTH STACEY SCHOOL QUADRANGLE

**OPEN FILE REPORT 79-016** 

PLATE 8 OF 22

OPEN-FILE REPORT

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

**EXPLANATION** 

overburden, in feet, from the surface to the top of the

Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the

5-foot coal isopach. Arrows point toward area of coal

yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

coal bed. Isopach interval 200 feet (61 m).

5 feet or more thick.

COAL RESOURCE OCCURRENCE MAP OF THE NORTH STACEY SCHOOL QUADRANGLE, CUSTER AND POWDER RIVER COUNTIES, MONTANA

QUADRANGLE LOCATION

PLATE 8

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET